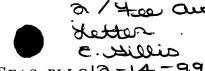
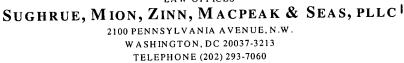


LAW OFFICES





FACSIMILE (202) 293-7860

October 18, 1999

BOX PATENT APPLICATION Assistant Commissioner for Patents Washington, D.C. 20231

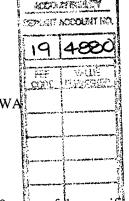
Re:

Application of Masaru FUKU and Hirotoshi MAEKAWA

ONBOARD SEMICONDUCTOR DEVICE

Our Reference: O56151

Dear Sir:



Attached hereto is the application identified above including 19 pages of the specification, claims, abstract, 6 sheets of formal drawings, executed Assignment and PTO 1595 form, and executed Declaration and Power of Attorney. Also enclosed is the Information Disclosure Statement.

The Government filing fee is calculated as follows:

Total claims	6 - 2	20 =	X	\$18.00	=	\$.00
Independent claims	1 - 3	3 =	x	\$78.00	=	\$.00
Base Fee		-				\$760.00

\$760.00 TOTAL FILING FEE \$40.00 Recordation of Assignment \$800.00 TOTAL FEE

Checks for the statutory filing fee of \$760.00 and Assignment recordation fee of \$40.00 are attached. You are also directed and authorized to charge or credit any difference or overpayment to Deposit Account No. 19-4880. The Commissioner is hereby authorized to charge any fees under 37 C.F.R. §§ 1.16 and 1.17 and any petitions for extension of time under 37 C.F.R. § 1.136 which may be required during the entire pendency of the application to Deposit Account No. 19-4880. A duplicate copy of this transmittal letter is attached.

Priority is claimed from April 22, 1999, based on Japanese Application No. 11-114718. The priority document is enclosed herewith.

> Respectfully submitted, SUGHRUE, MION, ZINN, MACPEAK & SEAS, PLLC

Attorneys for Applicant

Alan J. Kasper

Registration No. 25,426



U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE FEE RECORD SHEET

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